

## CLAIMS

- 1 1. A method comprising  
2 receiving handwriting data electronically from a remote  
3 user at a handwritten-information server, and  
4 processing the handwriting data in accordance with  
5 instructions provided to the server by the user.
  
- 1 2. The method of claim 1 in which the handwriting data is  
2 generated using a handwriting device at the location of the remote  
3 user.
  
- 1 3. The method of claim 1 in which the handwriting data is  
2 generated by an electronic wireless pen.
  
- 1 4. The method of claim 1 also including  
2 performing handwriting recognition at the site of the remote user.
  
- 1 5. The method of claim 1 also including  
2 performing handwriting recognition at the handwritten-information  
3 server.

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1 6. The method of claim 1 also including  
2 at the location of the remote user, forming an electronic file  
3 representing the handwritten information,  
4 transmitting the handwritten information wirelessly to a  
5 communication device, and  
6 transmitting the electronically captured handwriting from the  
7 communication device to the handwritten-information server.

1 7. The method of claim 1 in which the handwriting data  
2 includes information identifying a destination of the handwriting  
3 data.

1 8. The method of claim 1 in which the processing of the  
2 handwriting data includes forwarding it to a destination.

1 9. The method of claim 8 in which the forwarding comprises  
2 sending the handwriting data in FAX format.

1 10. The method of claim 8 in which the forwarding comprises  
2 sending the handwriting data as an email attachment or in a body  
3 of an email.

1 11. A method comprising  
2 using a tracker attached to a mobile personal digital  
3 assistant having wireless communication capability, tracking

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4 handwriting done on a writing surface in the vicinity of the  
5 personal digital assistant,  
6 sending handwriting data representing the handwriting  
7 wirelessly from the personal digital assistant to a server, and  
8 providing services to a user from the server with respect to  
9 the handwriting data.

1 12. A method comprising  
2 storing, in a server, handwriting information provided  
3 wirelessly from mobile devices, and  
4 communicating the handwriting to destinations based on  
5 instructions provided by users.

1 13. A method comprising  
2 storing in a server handwriting information received  
3 wirelessly from mobile devices, and  
4 providing an interactive user interface on a screen of a  
5 mobile device to enable a user to control functions applied to the  
6 handwriting information.

1 14. A method comprising  
2 capturing handwriting of a name of an addressee of a  
3 message as handwriting data representing motion that occurred  
4 during the handwriting,

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5           communicating the handwriting data to a server,  
6           at the server, determining the name from the handwriting  
7 data using information stored in a database.

1 15.    The method of claim 14 also including asking a user for  
2 confirmation of the located address.

1 16.    The method of claim 14 also including sending the message  
2 to the located address.

1 17.    The method of claim 14 in which the database includes  
2 information provided by a user, the information in the database  
3 linking names with corresponding addresses.

1 18.    A method comprising  
2           from a server, communicating handwriting data to remote  
3 user devices, the handwriting data for each of the devices being  
4 formatted according to display capabilities of the remote user  
5 device.

1 19.    A method comprising  
2           receiving at a server handwriting data representing a  
3 signature of a user of a remote device,  
4           verifying the signature based on handwriting data  
5 associated with the user and stored on the server, and

6 authorizing a transaction based on the verification of the  
7 signature.

1 20. The method of claim 19 in which the authorizing includes  
2 providing an authorization to a third party.

1 21. The method of claim 19 in which the transaction is  
2 associated with a financial account of the user.

1 22. The method of claim 19 in which the receipt of the  
2 handwriting data occurs after terms of the transaction have been  
3 resolved.

1 23. The method of claim 19 in which the authorization is also  
2 based on a unique identifier of a pen that is used to write the  
3 signature.

1 24. The method of claim 19 also including authorizing the  
2 transaction based on voice or speech recognition.

1 25. The method of claim 19 also including authorizing the  
2 transaction based on a time stamp.

1 26. A method comprising  
2 receiving and storing at a server handwriting information  
3 that is created by users at remote locations and communicated  
4 electronically to the server,

5 electronically performing services with respect to the stored  
6 information, and

7 charging the users for the services performed.

1 27. A method comprising

2 receiving, at a server, handwriting data from a pen and a  
3 pen identifier,

4 storing, at a server, an indication that the pen is in the  
5 possession of a person not authorized to use it, and

6 in response to the received handwriting data and pen  
7 identifier, determining that the pen is not being used by an  
8 authorized person, and

9 taking an action in accordance with the result of the  
10 matching.

1 28. A method comprising

2 receiving electronic handwriting data created by a user's  
3 handwriting,

4 receiving instructions indicating visible qualities to be  
5 associated with respective portions of the handwriting, and

6 manifesting the handwriting in a visible form in which each  
7 of the respective portions of the handwriting is manifested in  
8 accordance with the indicated visible qualities.

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1 29. The method of claim 28 in which the visible qualities  
2 include color.

1 30. The method of claim 28 in which the instructions are  
2 received from a handwriting instrument.

1 31. A method comprising  
2 associating unique identifiers with respective electronic  
3 handwriting devices that are useful in generating handwriting data,  
4 in a server, storing the handwriting data and storing  
5 associations between the unique identifiers of the devices and  
6 registered unique identifiers of respective users, and  
7 at the server, controlling use of the handwriting data based  
8 on matching stored pairs of user identifiers and device identifiers  
9 to confirm that the purported user of a device used to generate the  
10 handwriting data is the registered user of the device.

1 32. Apparatus comprising  
2 a mobile electronic device that includes  
3 a communication facility configured to communicate with a remote  
4 location, and  
5 a tracking facility configured to track handwriting motion of a  
6 stylus on a surface in a vicinity of the mobile electronic device.

1 33. The apparatus of claim 32 in which the mobile electronic  
2 device comprises a mobile telephone.

1 34. The apparatus of claim 32 in which the mobile electronic  
2 device includes a housing and the tracking facility is incorporated  
3 within the housing.

1 35. The apparatus of claim 32 in which the mobile electronic  
2 device includes a housing and the tracking facility is attached to  
3 the housing.

1 36. The apparatus of claim 32 in which the mobile electronic  
2 device includes a receptacle for a stylus.

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